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JC872 U.S. PTO

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PTO/SB/05 (03-01)

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Attorney Docket No. 0028-011564

First Inventor Harry P. FINKE et al.

Title BURNER FOR SYMMETRICAL COMBUSTION AND  
METHOD

Express Mail Label No. EL 763583372US

Commissioner For Patents

ADDRESS TO: Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 14]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Pages ]

a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a.  Computer Readable Form (CRF)

b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper

c.  Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 C.F.R. 3.73(b) Statement  
(when there is an assignee)  Power of  
Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure  
Statement (IDS)/PTO-1449  Copies of IDS  
Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 USC 122(b)(2)(B)(i).

17.  Other: Letter Recognizing Attorneys

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

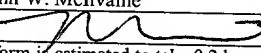
Continuation  Divisional  Continuation-in-part (CIP) of prior application No: 09 / 744,845

Prior application information: Examiner Winston M. Alvarado Group Art Unit: 3743

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

|                                                            |                                                                                                                         |           |              |          |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------|--------------|----------|
| <input type="checkbox"/> Customer Number or Bar Code Label | (Insert Customer No. or Attach bar code label here) or <input checked="" type="checkbox"/> Correspondence address below |           |              |          |
| Name                                                       | John W. McIlvaine                                                                                                       |           |              |          |
|                                                            | Webb Ziesenhein Logsdon Orkin & Hanson                                                                                  |           |              |          |
| Address                                                    | 700 Koppers Building                                                                                                    |           |              |          |
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| Country                                                    | United States                                                                                                           | Telephone | 412-471-8815 | Fax      |

|                   |                                                                                     |                                   |        |
|-------------------|-------------------------------------------------------------------------------------|-----------------------------------|--------|
| Name (Print/Type) | John W. McIlvaine                                                                   | Registration No. (Attorney/Agent) | 34,219 |
| Signature         |  |                                   |        |
|                   | Date 12/28/01                                                                       |                                   |        |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

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12/28/01

12/28

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

**Harry P. Finke et al.**

**28-011564**

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ENTITLED

**"BURNER FOR NON-SYMMETRICAL COMBUSTION AND METHOD"**

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To the **Application Branch**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL763583372US

Date of Deposit December 28, 2001

I hereby certify that the following attached paper or fee

**UTILITY PATENT APPLICATION TRANSMITTAL (1 pp. in-trip); SPECIFICATION (14 pp.); CLAIMS (5 pp.); ABSTRACT (1 pp.); DRAWINGS (4 sheets); LETTER RECOGNIZING ATTORNEYS (2 pp.)**

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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Lindsay J. Moneck  
(Typed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

PATENT APPLICATION  
Attorney Docket No. 0028-011564

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
**Harry P. FINKE** :  
**Gregory T. KITKO** :  
**Marty R. MCGHEE** :  
**David G. SCHALLES** : **BURNER FOR NON-SYMMETRICAL  
COMBUSTION AND METHOD**  
Serial No. Not Yet Assigned :  
Filed Concurrently Herewith :

Pittsburgh, Pennsylvania  
December 28, 2001

**LETTER RECOGNIZING ATTORNEYS**

BOX: PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed for filing is a continuation-in-part application United States Application Serial No. 09/744,845, filed August 29, 2001, which claims the benefit of United States Provisional Application Serial No. 60/094,607, filed July 30, 1998, for patent as above-identified, comprising a Specification (14pp.), Claims (5pp.), Abstract (1p.) and Drawings (4pp.).

Information regarding the inventors and the application is as follows:

1. Name and  
Residence Address: **Harry P. Finke**  
**1306 Old Meadow Road**  
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**David G. Schalles**  
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**Jefferson Hills, PA 15025**

2. Citizenship: **All listed above are United States citizens**

3. Title: **BURNER FOR NON-SYMMETRICAL COMBUSTION AND METHOD**

4. Priority: This application is a continuation-in-part of United States Application Serial No. 09/744,845, filed August 29, 2001, which claims the benefit of United States Provisional Application Serial No. 60/094,607, filed July 30, 1998.

5. Drawings: 4 sheets of drawings containing 7 figures

6. Claims: 30 claims 3 independent claims

Please accept the application for purposes of granting a filing date pursuant to 37 C.F.R. §1.53(b) and recognize John W. McIlvaine, Russell D. Orkin, and Christian E. Schuster, Registration Nos. 34,219; 25,363; and 43,908, respectively, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney and payment of the filing fee. 37 C.F.R. §1.53(f).

Kindly direct all communications relating to this application to John W. McIlvaine.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON, P.C.

By

  
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